11th Armored Cavalry Regiment

60th GUARDS
MOTORIZED RIFLE DIVISION

The Krasnovian Army Has Changed!

11th ACR Mission

The 11th Armored Cavalry Regiment conducts combat operations as the 60th Guards Motorized Rifle Division, providing the U.S. Army the most capable and lethal combined-arms opposing force (OPFOR) in the world to help brigade task forces achieve proficiency in their mission essential tasks, improve their ability to synchronize and employ the combined-arms team, and enhance their combat readiness.
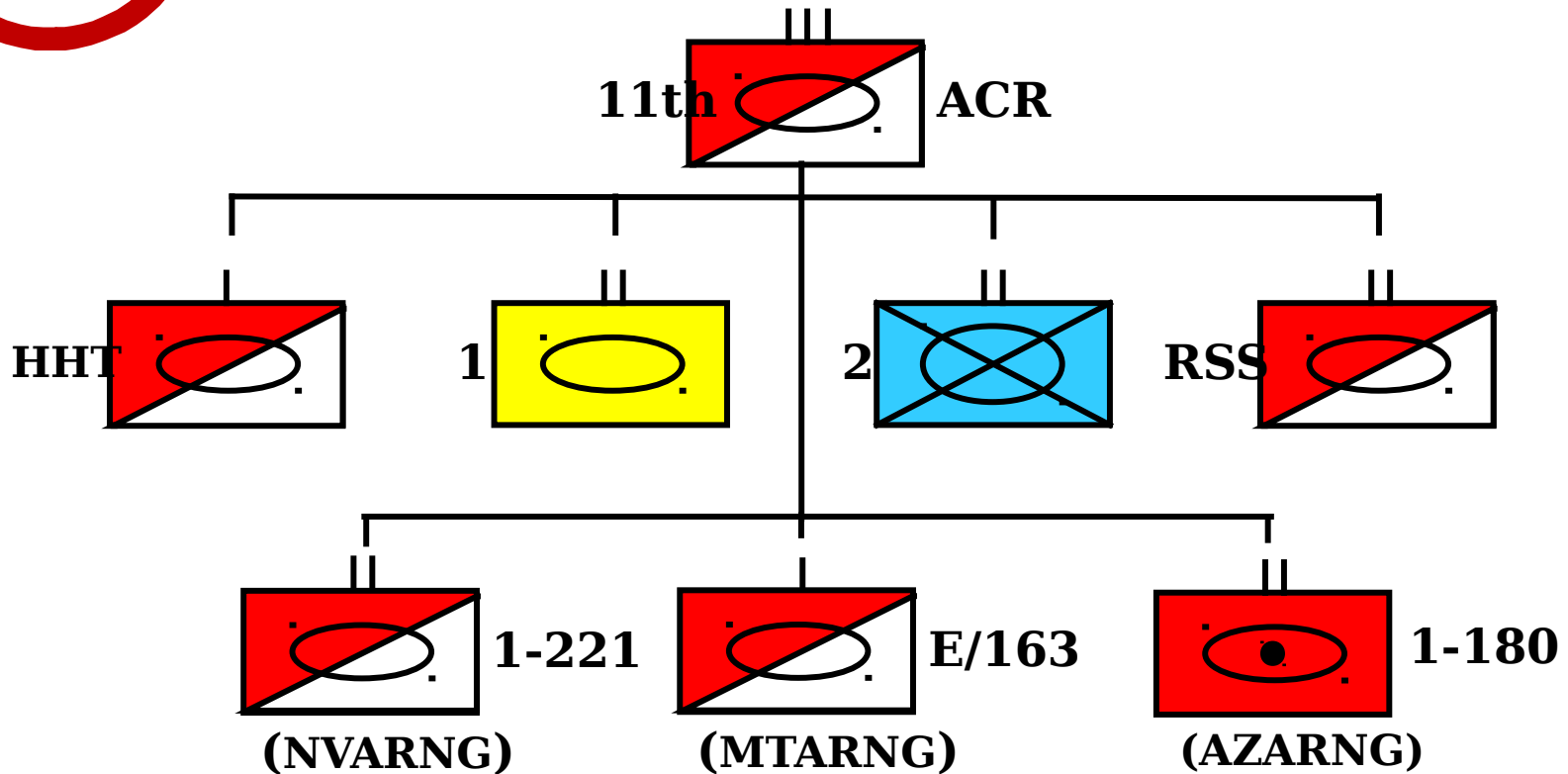
THE ANVIL UPON WHICH WE FORGE COMBAT READINESS IN THE MID-HIGH INTENSITY BAND OF FULL SPECTRUM OPERATIONS

Lead-Train-Win

11th ACR Organization
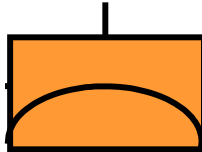

Lead-Train-Win

Authorized   2583
Assigned   2428 (94%)

11th ACR

HHT   1   2   RSS

1-221 (NVARNG)   E/163 (MTARNG)   1-180 (AZARNG)

Separate Troops

ADA (TDA)

AT (TDA)

SA-8 & SA-9

ZSU 23-4
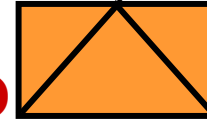
AT-5 BRDM

2A45M TOWED BY BRDM

Separate Troops

C | MI | 203
CONTRACT

SMK

TDA-M

CHEM RECON
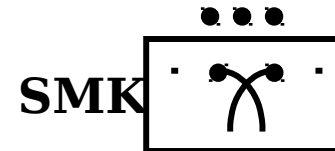
Separate Troops

EW

TRQ-32

M-9 ACE - MSD

D-7 DOZER

TLQ-17

Expanding Our Capabilities
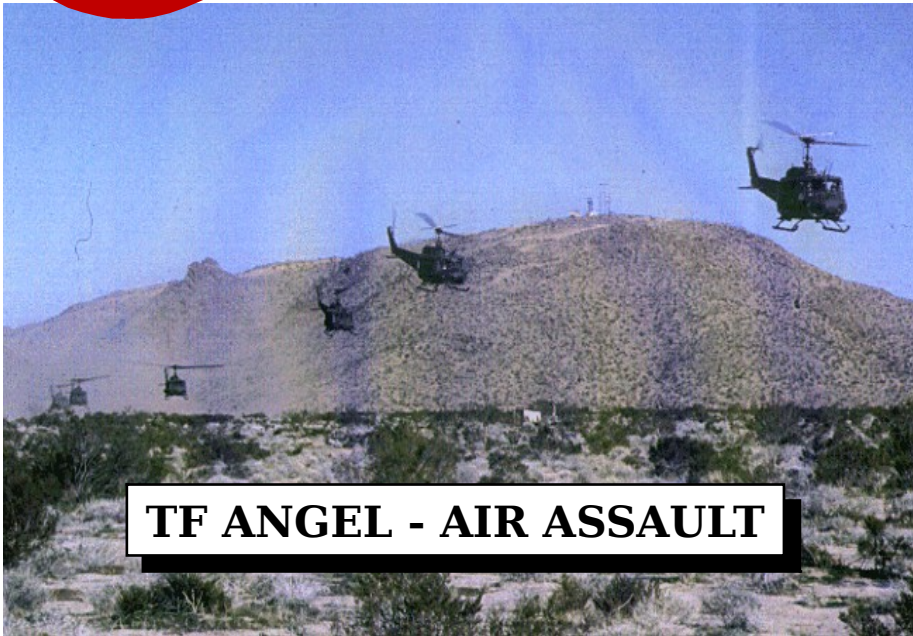
TF RAMPAGE - MECH INFANTRY

TF ANGEL - AIR ASSAULT

TF DESTROYER - DISMOUNTED INF

Expanding Our Capabilities

SP ARTILLERY BATTERY (RAG)

ENGINEER RECON

COMBAT ENGINEERS

Expanding Our Capabilities

THE PEOPLE'S PARUMPHIAN GUERRILLAS (PPG)

- LOCAL INSURGENT GROUP OF UP TO 40 GUERRILLAS WHO USE RUSSIAN VEHICLES AND CONDUCT SQUAD SIZE AMBUSHES AND RAIDS ON CRITICAL CAPABILITIESIN THE REAR AREA; TOCS, FAARPS, FUEL POINT,S AND COMMUNICATION NODES.

UAZ-469B (4 x 4) 695 kg light

ZIL-131 (6 x 6) 3500 kg truck

Expanding Our Capabilities

CIVILIANS ON THE BATTLEFIELD (COB)

60th MRD Task Organization

60 MRD

1/11 (125GTR) or 2/11 (32nd MRR)

1 MRB
(A + E TRP)

2 MRB
(B + F TRP)

3 MRB
(C + G TRP)

4 MRB
(D + H CO)

1 (60 ITB)

E 163 (60 IMRB)

221

58

9

511 EW

1 (RAG)

180 TF ALLIED (Allies)

TF DESTROYER (Allies)

TF RAMPAGE (Allies)

SOKOL

DIV & RGT RECCE

TACP (AIR WARRIOR)

(NTC AVIATION)
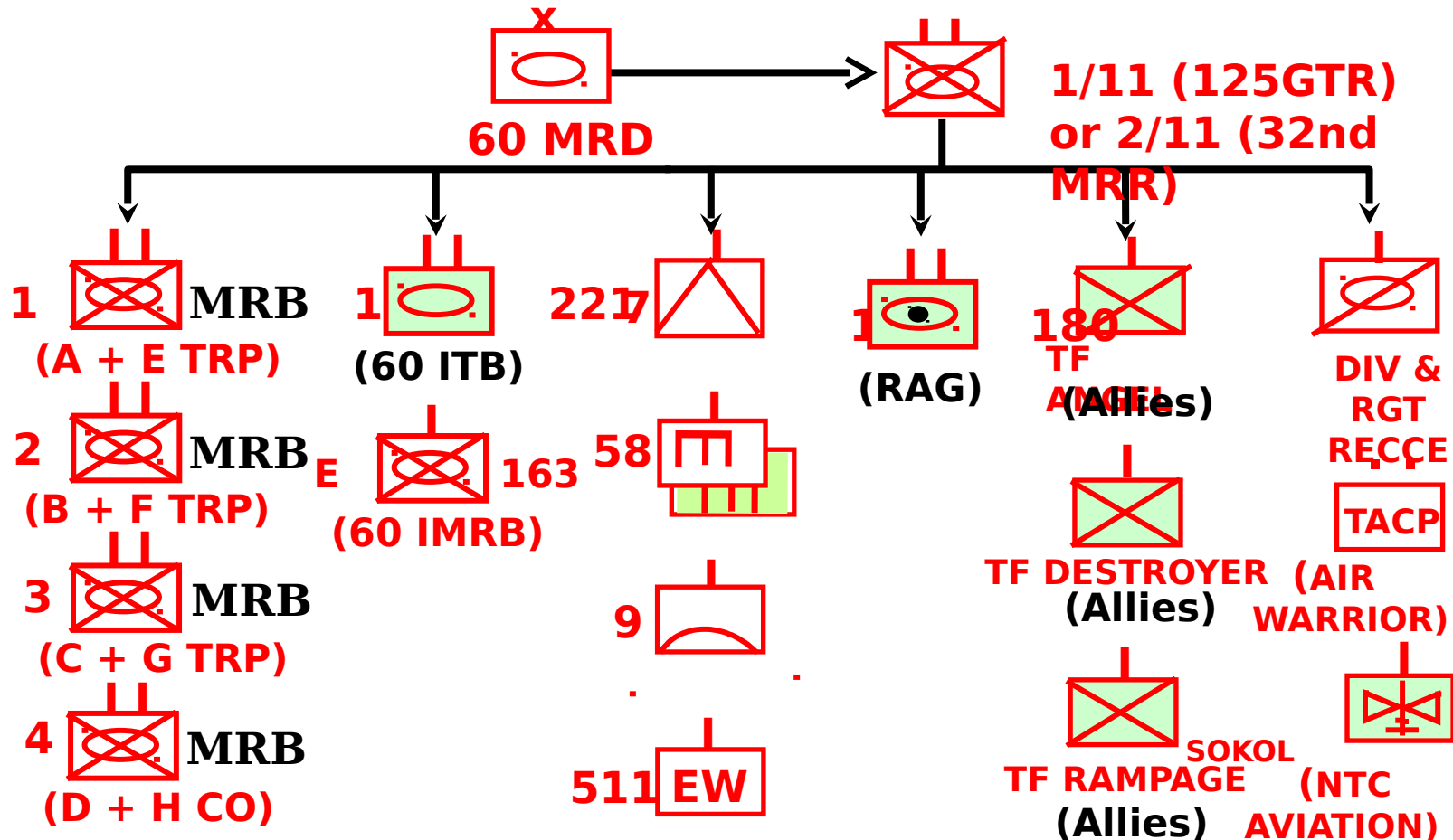
* 11th ACR Commander & Staff serve as observer/controllers

Evolution of the Opposing Force

- **Doctrine, tactics, structure, and capabilities are specified by the CG, TRADOC. TRADOC DCSINT verifies our compliance semi-annually.**

- **We are <u>not</u> a Soviet-based force anymore--no dogmatic/set patterns of operation. We are capabilities-based, planning and employing our capabilities, based on METT-T analysis, within OPFOR doctrine.   Consequently, we are more <u>unpredictable</u> to BLUFOR, placing a premium on pattern analysis, detailed IPB, reconnaissance & surveillance operations, and the science and art of battle command.**

- **We have become more relevant through an expanding array of asymmetrical capabilities we bring to the battlefield.**

A Current Description of the NTC OPFOR

- Some modern systems (KVT, BMP-2, TRQ-32 , SA-18, 2S6)
- Not equal to BLUE across all BOS (T-80 tank, BMP 1, ARC-1 radar, HIND-D, radios)
- Technology pockets of excellence (T-80/BMP-2 thermal sights)
- Not dogmatic.
- A conventional baseline doctrine
- Flexible, opportunity-driven, quick to exploit vulnerabilities
- Adaptive enough to fight and defeat any combination of heavy/light forces within traditional correlation of forces.
- Understands and conducts asymmetric warfare
- Adept at offensive information warfare at the tactical level

Close fidelity now with emerging TRADOC Threat White Paper

Lead-Train-Win

Portrayed Asymmetric Threats

- ✔ **Terrorism**
- ▢ **SOF**
- ✔ **Guerillas/ Para-Military Forces**
- ✔ **Weapons of Mass Destruction (Chemical)**
- ▢ **Space**
- ▢ **PGM's**
- ✔ **Refugees/Civilians On the Battlefield (COB)**
- ✔ **Offensive Information Operations (Limited)**
- ✔ **Non-Government Organizations (NGO) & Private Volunteer Organizations (PVO)**

Only 3 capabilities short of DCX requirements!

OFFENSIVE MENU

- **Movement to Contact**

- **Deliberate Attack**

- **Spoiling Attack**

- **Combined-Arms Raid**

- **Artillery Raid**

- **LOC Interdiction**

- **Guerrilla & Para-Military Attacks Against Critical Capabilities**

- **Information Systems Attack**

CHARACTERISTICS

METT-T based planning

Flexible & Adaptable to Division & Corps Cdrs desires

Quick to Exploit Vulnerabilities

Continual quest to achieve surprise

DEFENSIVE MENU

- **Area Defense**

- **Area/Mobile Defense**

- **Security Zone Defense**

- **Strong Point Defense**

  - **Combined-Arms Counterattacks**
    - **Within and forward of the FLOT**

- **Spoiling Attacks**

- **Artillery Raids**

CHARACTERISTICS
METT-T based planning

Flexible & Adaptable

Freedom To Exploit Opportunity & Vulnerabilities

Continual use of Deception

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T-80 Main Battle Tank

T-80

Thermal Sight (M60A3 TTS)

Non-Stabilized platform

Weapons:

125mm Gun 2.8 Km

AT-8 Missile 3.7 Km

KVT Main Battle Tank

(VISMOD M1A1)

T-72

**Thermal Sight
Stabilized platform
Weapons:**
  105mm Gun 2.8 Km
  .50 cal MG
  7.62mm MG

BMP Fighting Vehicle

BMP-1

No Thermal Sight
Non-Stabilized platform
Weapons:
    30mm Gun 2 Km
    AT-5 Missile: 3.7 Km

BMP-2
(OSV)

BMP-2

OPFOR SURROGATE VEHICLE

Thermal Sight
(M60A3 TTS)
Stabilized platform
Carries 5-man infantry team
Weapons:
30mm Gun 3 Km
AT-5 Missile 3.7 Km

PROVIDES OPFOR WITH THE ABILITY TO CONDUCT MOUNTED, COMBINED ARMS OPERATIONS AT NIGHT

OPFOR BRDMs

C2 BRDM

ACTUAL AT-5 BRDM

BRDM type examples include:
- C2 BRDMs (Cdrs, S3s, and XOs)
- Scout BRDMs (total of 8)
- Chemical Recon (total of 2)
- Engineer Recon (total of 2)

RKH CHEMICAL RECON

AT-5 BRDM

HMMWV VISMOD
Thermal Sight
Weapon:
AT-5 Missile:
3.7 Km

2A45M Anti-tank Gun

2A45M

HMMWV VISMOD
No Thermal Sight
Weapon: (MT-12
VISMOD)

HIND-D Helicopter

VISMOD HUEY USED AT NTC

ACTUAL HIND HELICOPTER

No Thermal
Weapons:
   30mm Rockets 2 Km
   AT-6 Missile 4 Km (Effective Miles Range 2 KM)

Engineers

D7 DOZER

M9 ACE - MSD

FLU SUPPORTS INFANTRY

UMZ (not shown): Similar to BLUFOR
Ground Volcano; M548 Chassis, lays 4 hour
duration mine field-2x8 or 4x4.

MSD (M9 ACE): Breaches and does one tier
fighting positions or deception scrapes

MOD (M113A2 with tabs): Replicates

Collection & Jamming

TRQ-32 Collector: Collects against single channel HF, VHF, and UHF communications. Direction Finds (DF) against VHF comms. Cannot collect on frequency hopping radios.

Effective range is approximately 30 Km.

Three systems normally employed to support the Regiment.

TLQ-17Jammers: Jams against VHF comms, digital or voice **nets**. Three systems in Regiment.

Effective range is 15-25 Km.

Cannot jam frequency hopping nets; however,

ASET IV Systems

ZSU: 6Xs, 2 man crews
•Effective out to 2500 mtrs
•Radar equipped but can engage
•Two FL (Night)

ZSU 23-4

SA-8: 3Xs, 3 man crews
•12000 meter range
•Radar acquires w/ TV monitor
•One Night FLIR system

SA-8

SA-9: 6Xs, 2 man crew
•6000 meter range
•IR source acquisition

Day Only

C3: Early warning; does not replicate any one real world vehicle
• Radar tracks up to16 targets out to 24 ks
• Using GPS system and data
links: coordinates other

SA-9

ADA C3

MRR TAC - simple, efficient

Players -

Chief of Staff

Chief of Recon

Chief of Arty/Rockets

Air Direction Officer

Chief of Electronic Combat
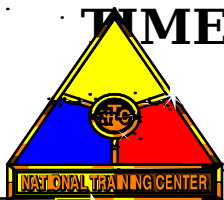
Battlestaff tracks off a *single* map

Future OPFOR Capabilities

GPS Jammer

PHOTO NOT AVAILABLE

UAV

- **Available off the shelf from Russia, China, and Israel**

- **Jams all GPS Signals 200-250 mile radius**

- **Assymetric-BIG TIME!**

- **Available off the shelf**

- **Real time intelligence**

The Key to Sustaining a Relevant OPFOR

What We've Learned About Fighting Force XXI Organizations/Technology

- The key to defeating a Force XXI-equipped force is to quickly gain information dominance; focus lookers/ shooters to find and disrupt/destroy critical communication nodes/digital nets, e.g. attack FM single-channel, digital FBCB2/Fire Support nets, MSE node centers, etc. Electronically shape the battlefield

- Active and passive force protection measures are vital to preserving combat power against Force XXI technologies--Serb analog--thermal deception, dispersion, decoys, camouflage, concealment, electronic deception.

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What We've Learned Continued...

- **Force XXI intelligence architecture/ overhead systems are inherently vulnerable to <u>deception</u>; satellites, JSTARS, GUARDRAIL, UAV, etc., and the problem is compounded by the absence of a robust, effective HUMINT capability throughout the depths of the brigade commander's battle space.**

- **Well-trained HUMINT observers (reconnaissance teams) positioned throughout the depths of the battlefield, with effective, secure communications, offset the asymmetric advantages of Force XXI overhead intelligence technologies.**

CONCLUSION

- The CG, TRADOC specifies our doctrine, tactics, organization, and equipment and routinely inspects to assure compliance.

- We remain the means to develop/assess combat proficiency in the mid/high band of full spectrum operations.

- The NTC OPFOR has become capabilities-based, more unpredictable, more flexible, and easily adaptable--essential changes to provide our soldiers a realistic and relevant Threat

- We currently employ a broad range of "asymmetric" capabilities

- The ongoing <u>TRADOC Threat assessment</u> will undoubtedly drive further changes/additions to OPFOR

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